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(54) Flat-folding plant pot holder

(57) A flat-folding, waterproof plant pot holder is made of synthetic paper, plastic- or wax-coated paper or cardboard, or stiff pliable plastic. Adjacent sides K_1—K_4 are joined by gussets A—B, and fold lines in a square base and in two of the sides K_2, K_4 allow the erected holder to be flattened with the sides K_2, K_4 bent double between the remaining sides K_1, K_3.

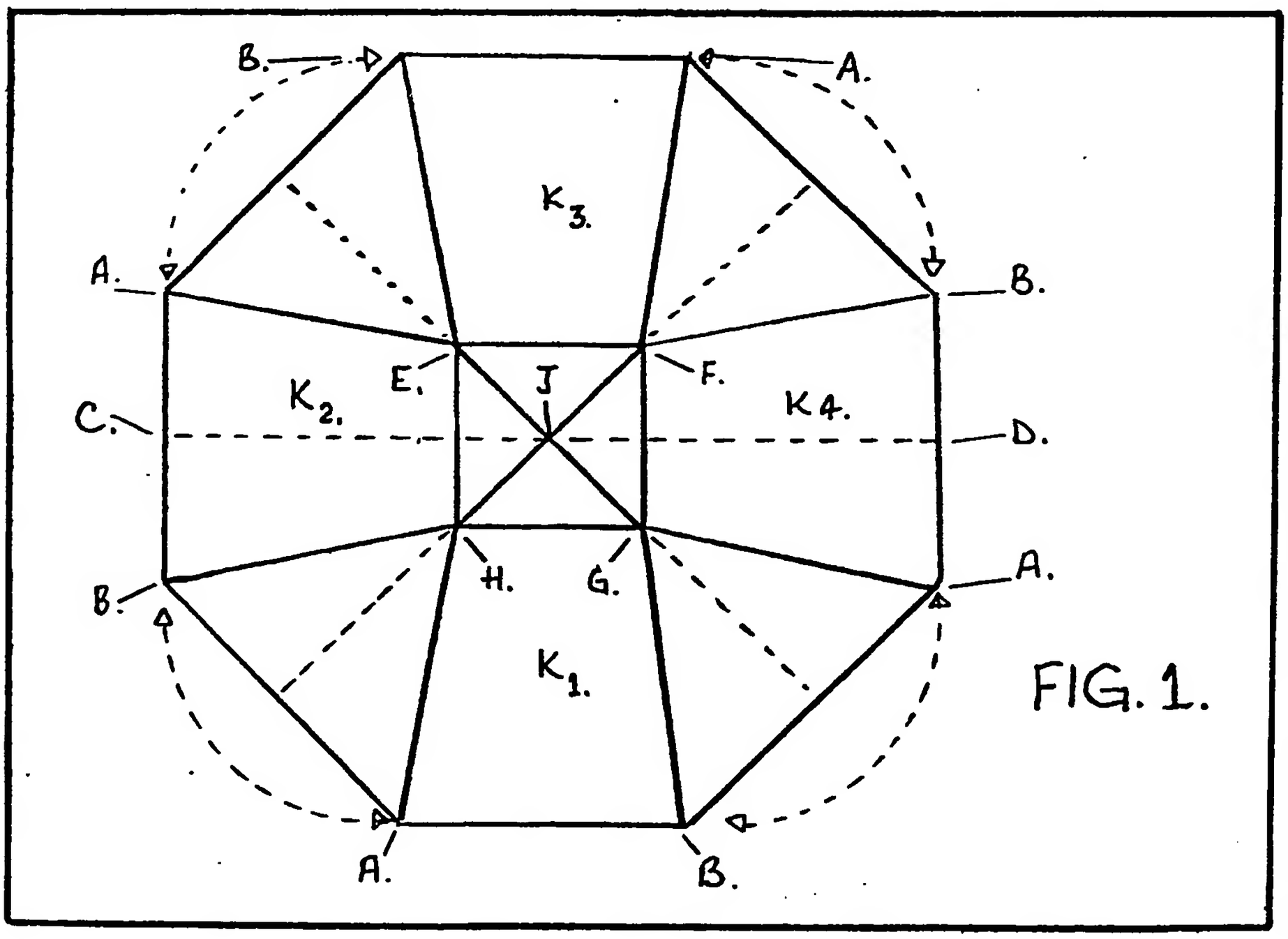

FIG. 1.

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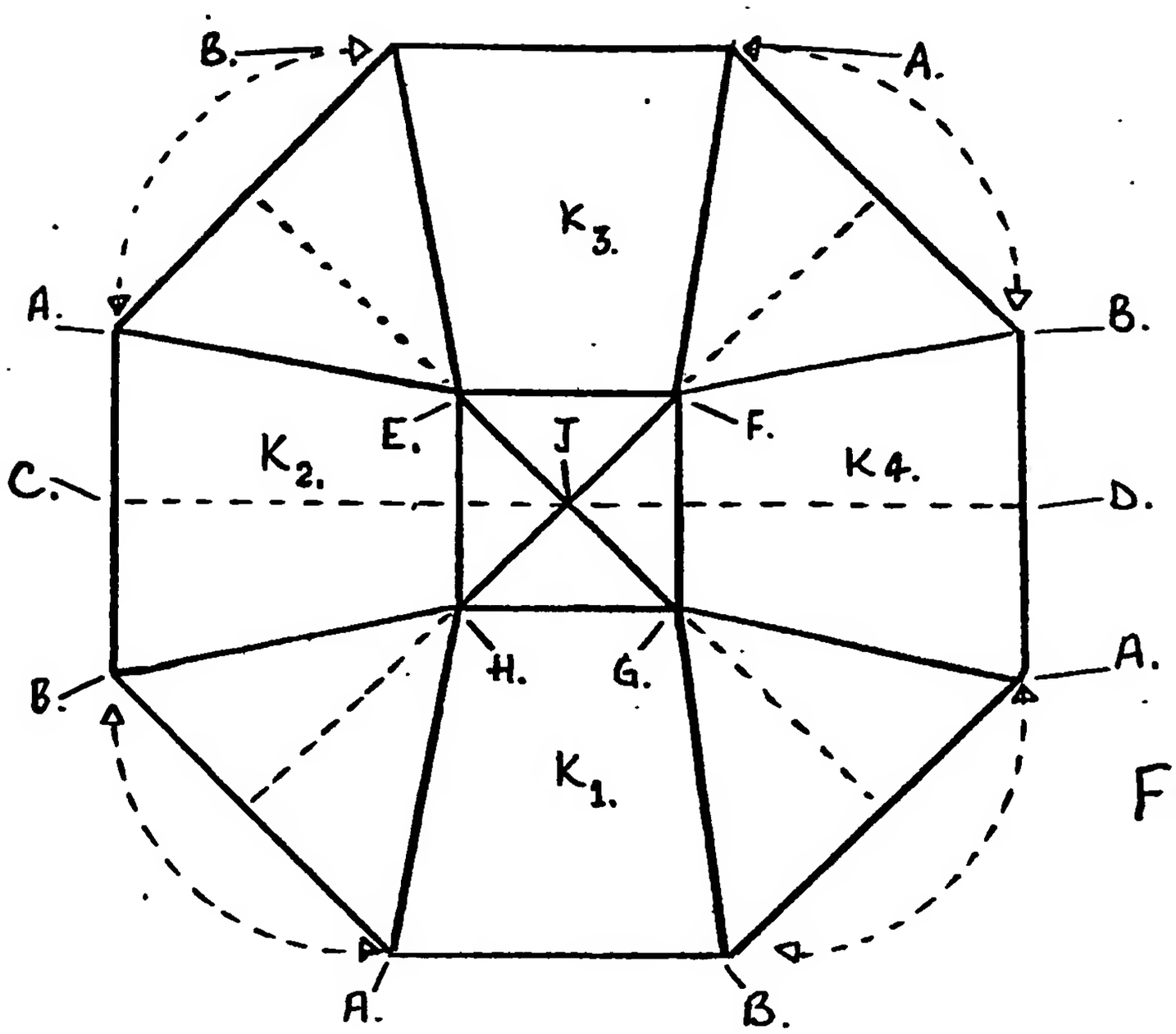

FIG. 1.

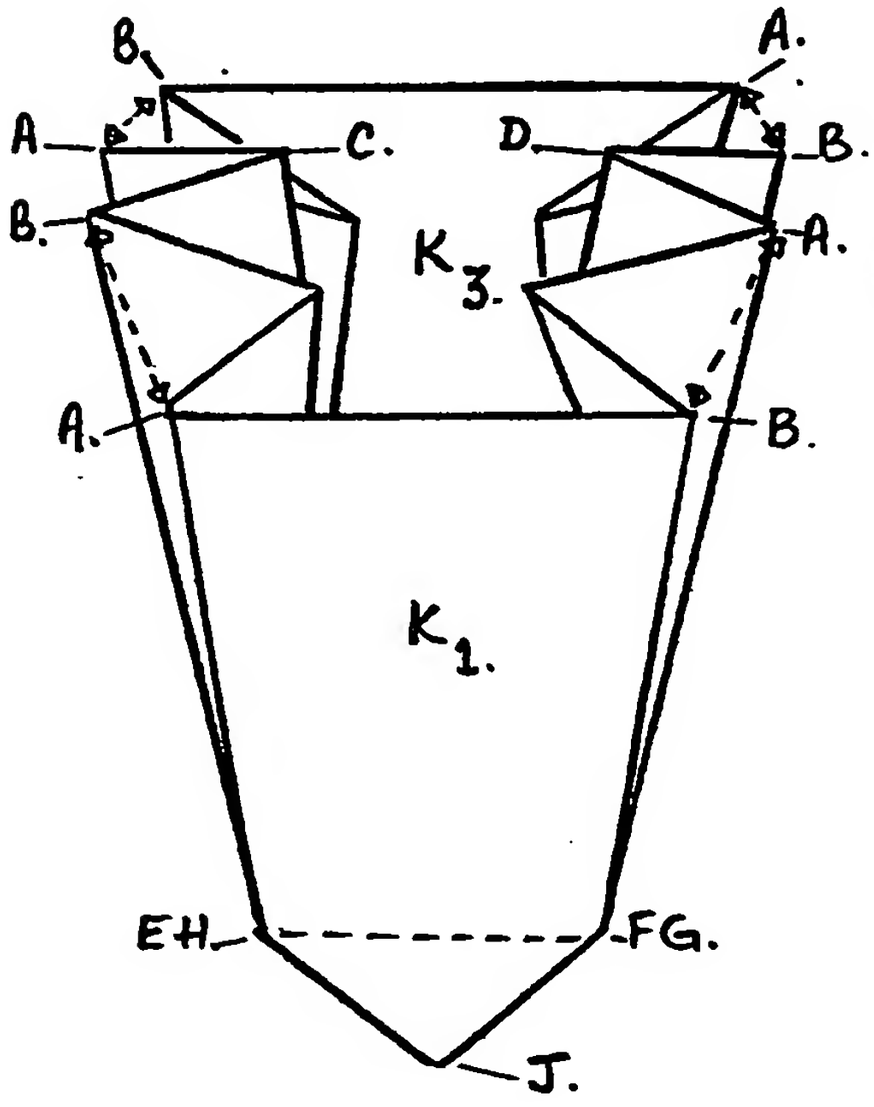

FIG. 2.

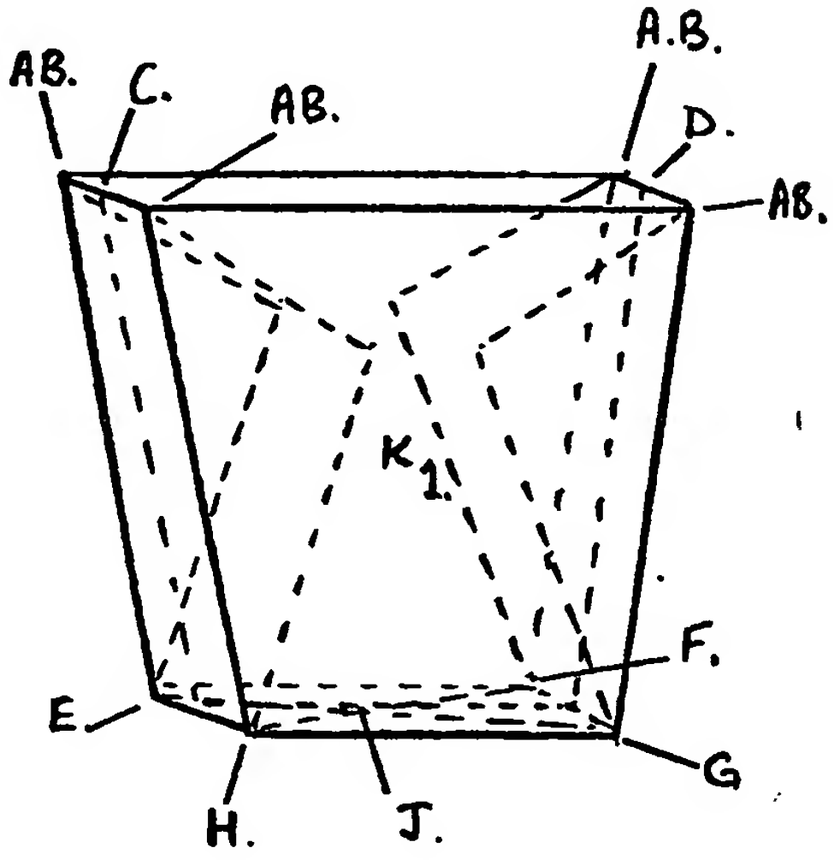

FIG. 3.

SPECIFICATION

Folding waterproof plant pot holder

Description

This invention relates to the manufacture of a paper, board, plastic or synthetic paper container.

Object

It is the object of this invention to provide a lightweight, flexible, foldable and waterproof plant-pot container for collecting water drainage, as an alternative to containers normally manufactured from ceramics, plastic, earthenware china clay and other rigid products.

Composition and intention

The invention consists of either stiff but pliable plastic or synthetic paper with one side printed, patterned, plain or coloured, or stiff but pliable paper or board with one side plastic or wax-coated, the other side printed, patterned, plain or coloured. The intention is to present a potted plant in a decorative waterproof container which is economical to manufacture, easy to store in large quantities using the minimum of space and sufficiently lightweight to facilitate economic despatch and distribution.

Method of construction

The method of construction is commenced by cutting an octagonal pattern from the material as shown in Fig. 1. Outer edge points A and B are drawn together to form four gussets down to the base corners E, F, G and H. These gussets are then bonded together bringing the sides K_1, K_2, K_3, and K_4 together with edges adjacent in an upright position (Fig. 2). To form the flat base, upward pressure is applied to the base point J and outward pressure to folds C and D (Fig. 3).

Method of use

When fully expanded the resultant container holds the plant-pot preventing water drainage from leaking out onto the surface on which it is placed.

Use

This invention is of use in horticulture and in the general retail trades, particularly garden centres, florists, plant distributors, stationers and gift shops, for both promotional and advertising purposes as well as for selling to the general public.

Claims (Filed on 6th June 1983)

1. In the manufacture of plant pot containers of the kind herein set forth, producing a container which folds flat by means of a series of symmetrical folds in a single octagonal sheet of material, said folds radiating through and from a central square area which forms the base of the container.

2. In the manufacture of plant pot containers as claimed in Claim 1, maintaining a waterproof interior surface with said material without recourse to fastenings or joins.

3. A method of producing a plant pot container consisting of forming a body according to any of the preceding claims by cutting a single octagonal shaped blank from sheet material, folding outwards form the central square base in radials to form a larger square-topped edge.

4. A plant pot container constructed according to any of the preceding claims.

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